

ABSTRACT

1
2 A gate assembly for diverting substantially flat articles is provided. The gate
3 assembly comprises a mounting bracket having an upright support member and a
4 mounting member secured to the upright support member and a diverter vane having a
5 slot for slidably receiving at least a portion of the upright support member of the
6 mounting bracket. A least one protrusion is formed on the mounting bracket and at least
7 one recessed area is formed in the diverter vane with each recessed area receiving a
8 corresponding protrusion of the mounting member. A motion mechanism secured to the
9 mounting bracket for selectively moving the combined mounting bracket and diverter
10 vane thereby diverting the articles to a predetermined desired location.